

CLAIMS

- 5 1. Insulating tape for wrapping an electrical conductor with a fabric which is used as the supporting body with warp threads which are routed in the direction of winding, consisting of a first yarn, and with woof threads of a second yarn which is finer than the first yarn and with a dielectrically high quality material which is applied to a fabric, characterized in that the fabric is made coarse-meshed, and that the warp threads have a thread density such that the weight per unit area of the fabric corresponds to the weight per unit area of a fine-mesh fabric which contains warp and woof threads of the second, finer yarn.

10 2. Insulating tape as claimed in claim 1, in which a first and second yarn are made of the same material, wherein the thread weights from the first to the second yarn acts roughly like 2 to 1.

15 3. Insulating tape as claimed in claim 2, in which the first and second yarn are made of glass fibers, wherein at a weight per unit area of the fabric between 20 and 28 g/cm² the thread density of the warp threads is 10 to 20 per cm.

20 4. Insulating tape as claimed in claim 3, wherein the insulating

WO 00/57429

-8-

PCT/EP00/02259

tape can be exposed to an edge tear initiation force between
12 and 18 N.

THE DOCUMENT IS A SCANNED COPY